



0872409

PTO/SB/05 (6-95) (modified)

Approved for use through 11/30/96, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> (to be used for new applications only)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket Number <b>2503</b>
		First Named Inventor <b>Eva Y. Chen</b>
		Total Pages in this Submission <b>60</b>

**APPLICATION ELEMENTS**

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601 (37 CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s))
2. Specification
  - ☒ Title of the Invention
  - ☐ Cross References to Related Applications (if applicable)
  - ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - ☐ Reference to Microfiche Appendix (if applicable)
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings (if drawings filed)
  - ☒ Detailed Description
  - ☒ Claim or Claims
  - ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
4. ☒ Executed Declaration
5. ☐ Genetic Sequence Submission (if applicable, all must be included)
  - ☐ Paper Copy
  - ☐ Computer Readable Copy
  - ☐ Statement Verifying Identical Paper and Computer Readable Copy

**ACCOMPANYING APPLICATION PARTS**

6. ☐ Assignment Papers
7. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
8. ☐ Computer Program in Microfiche
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Petition Checklist and Accompanying Petition
12. ☐ Preliminary Amendment
13. ☐ Proprietary Information
14. ☒ Return Receipt Postcard
15. ☒ Small Entity Statement
16. ☒ Certificate of Express Mail
17. ☐ Unexecuted Declaration
18. ☐ Additional Enclosures (please identify below):

**SIGNATURE OF ATTORNEY OR AGENT**

Signature	 <b>Christopher M. Tobin, Esq.</b>
Atty./Reg No.	<b>40,290</b>
Date	<b>October 2, 1996</b>

**FOR OFFICIAL USE ONLY**

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	



0072013

PTO/SB/17 (6-95)(modified)  
Approved for use through 11/30/96, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE0002/17 (modified)  
10/95U.S. Department of Commerce  
Patent and Trademark Office

## FEE TRANSMITTAL

## TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$630.00)

## Complete if Known

Application Number	Unassigned
Filing Date	Even date herewith
First Named Inventor	Eva Y. Chen
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2503

## METHOD OF PAYMENT

## 1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 and 1.17 or credit any over payments to the below mentioned deposit accounts
- ☐ Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK &amp; WEST LLP

A Duplicate Copy of this authorization is attached

2. ☒ Payment Enclosed:  
[ X ] Check [ ] Other

## FEE CALCULATION (fees effective 10/01/95)

## 1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$770	201/\$385	Utility Filing	385
106/\$320	206/\$160	Design Filing	
108/\$770	208/\$385	Reissue Filing	
114/\$150	214/\$75	Provisional Filing	

SUBTOTAL (1) (\$385.00)

## 2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$22	203/\$11	Claims in excess of 20
102/\$80	202/\$40	Independent claims in excess of 3
104/\$260	204/\$130	Multiple dependent claim
109/\$80	209/\$40	Reissue independent claims over original patent
110/\$22	210/\$11	Reissue claims in excess of 20 and over original patent

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
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105/\$130	205/\$65	Surcharge - late filing fee or oath	
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,460	147/\$2,460	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month	
116/\$390	216/\$195	Extension for response within second month	
117/\$930	217/\$465	Extension for response within third month	
118/\$1,470	218/\$735	Extension for response within fourth month	
119/\$300	219/\$150	Notice of Appeal	
140/\$110	240/\$55	Petition to revive unavoidably abandoned application	
141/\$1,290	241/\$645	Petition to revive unintentionally abandoned abandoned	
142/\$1,290	242/\$645	Utility Issue Fee (Or Reissue)	
143/\$440	243/\$220	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
123/\$50	123/\$50	Petitions related to provisional applications	
126/\$230	126/\$230	Submission of Information Disclosure Statement	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	
146/\$770	246/\$385	Filing a submission after final rejection (37 CFR 1.129(a))	
149/\$770	249/\$385	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify):

Other fee (specify):

SUBTOTAL (3) (\$)

(Col. 1)		(Col. 2)		(Col. 3)		Fee	Fee Due
For	No. of Existing Claims		Highest No. Previously Paid For	Extra**			
TOTAL	35	minus*	20 or	=	15	x	11 = 165.00
INDEP	5	minus*	3 or	=	2	x	40 = 80.00
[ ] First presentation of multiple dependent claim							= 0

\* Subtract the greater number of Col. 2

\*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$245.00)

## SUBMITTED BY

Typed or Printed Name Christopher M. Tobin

Signature

## Complete (if applicable)

Reg. Number 40,290

Date October 2, 1996



08 OCT 1996

IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Eva Y. Chen, Jonny T. Ro, Ming M. Deng, Leta M. Chi  
SERIAL NO.: Unassigned  
FILING DATE: Even date herewith  
TITLE: SYSTEM, APPARATUS AND METHOD FOR THE DETECTION AND  
REMOVAL OF VIRUSES IN MACROS  
EXAMINER: Unassigned  
GROUP ART UNIT: Unassigned  
ATTY. DKT. NO.: 2503

ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATION  
WASHINGTON, D.C. 20231

CERTIFICATE OF EXPRESS MAIL

SIR:

"Express Mail" mailing label number: EM591474231US

Date of Deposit: October 2, 1996

I hereby certify that a Fee Transmittal, Application Transmittal, Verified Statement Claiming Small Entity Status, Specification, Claims, Abstract, Declaration, 9 sheets of formal drawings (Figs. 1-9), and \$630.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and addressed to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Michael Spilman

(Typed or printed name of person mailing paper or fee)

Michael Spilman

(Signature of person mailing paper or fee)

4.4: CERTIFICATE OF EXPRESS MAIL